

Human 60S acidic ribosomal protein P2 (RPLP2) ELISA Kit | RPLP2 elisa kit

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CATALOG #
AAA246398

REACTIVITY
Human

PRODUCT SYNONYMS

60S acidic ribosomal protein P2 (RPLP2); Human 60S acidic ribosomal protein P2 (RPLP2) ELISA Kit; RPLP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPLP2 elisa kit	Intended Uses: This RPLP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPLP2. Principle of the Assay: RPLP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RPLP2 antibody and an RPLP2-HRP conjugate. The assay sample and buffer are incubated together with RPLP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RPLP2 concentration since RPLP2 from samples and RPLP2-HRP conjugate compete for the anti-RPLP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RPLP2 from the sample, fewer sites are left to bind RPLP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPLP2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RPLP2 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506671
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NCBI GeneID	6181
NCBI Accession #	NP_000995.1
NCBI GenBank Nucleotide #	NM_001004.3
Molecular Weight	11,665 Da
NCBI Official Full Name	60S acidic ribosomal protein P2
NCBI Official Synonym Full Names	ribosomal protein, large, P2
NCBI Official Symbol	RPLP2
NCBI Official Synonym Symbols	P2; LP2; RPP2; D11S2243E
NCBI Protein Information	60S acidic ribosomal protein P2; renal carcinoma antigen NY-REN-44; acidic ribosomal phosphoprotein P2
UniProt Protein Name	60S acidic ribosomal protein P2
UniProt Gene Name	RPLP2
UniProt Synonym Gene Names	D11S2243E; RPP2
UniProt Entry Name	RLA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/60s-acidic-ribosomal-protein-p2-rplp2/246398>